



Datasheet

17/01/2019

Low Density Polyethylene SLD2000T**Description:**

SLD2000T is a low density polyethylene designed for injection molding. This grade shows excellent processability being indicated for applications where low viscosity is required during processing. Injection molded products with this resin shows good flexibility. Additives free. The minimum biobased content of this grade is 95%, determined according to ASTM D6866.

Applications:

Caps, Masterbatches

Processes:

Compounds and Masterbatches, Injection Molding

Control Properties:

Feature	Method	Units	Values
Melt Flow Rate (190°C/2.16kg)	D 1238	g/10 min	22
Density	D 1505	g/cm ³	0.923

Typical Properties - Plaque¹:

Plaque Properties

Feature	Method	Units	Values
Tensile Strength at Yield (a)	D 638	MPa	10
Tensile Strength at Break (a)	D 638	MPa	8
Elongation at Break (a)	D 638	%	139
Flexural Modulus - 1% Secant (b)	D 2240	-	45
Vicat Softening Temperature at 10 N (b)	D 1525	°C	87

¹ Test specimens from compression molded plaque according to ASTM D4703. Plaque Thickness: a) 2mm. b) 3mm c) 6mm. NB = No break.